



Missouri  
Department of  
Natural Resources

Central Electric Power Cooperative  
Power Plant Name: Chamois  
Electric Generation and Emissions in 2010

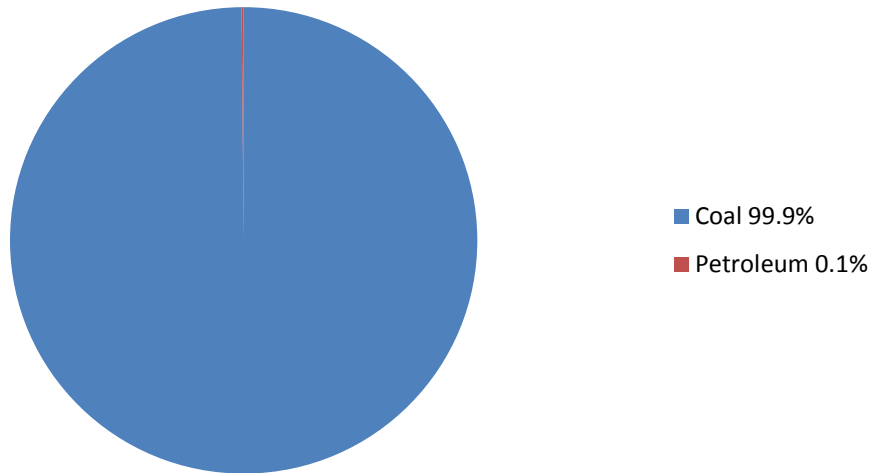
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
<b>Non-renewable sources</b>						
Coal	4,965,981	99.9%	99.9%	416,618	99.9%	99.9%
Natural Gas						
Petroleum	6,903	0.1%	0.1%	578	0.1%	0.1%
Nuclear						
Other						
<b>Non-renewable total</b>	<b>4,972,884</b>	<b>100.0%</b>	<b>100.0%</b>	<b>417,196</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Renewable sources</b>						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
<b>Renewable total</b>						
<b>Grand total</b>	<b>4,972,884</b>		<b>100.0%</b>	<b>417,196</b>		<b>100.0%</b>

Fuel Type	Physical Units	Number of Units
Anthracite Coal and Bituminous Coal	Short Tons	26,528
Sub-bituminous Coal	Short Tons	258,185
Distillate Fuel Oil	Barrels	1,188



### Net Generation by Fuel Type, 2010 for Chamois





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Power Plant Nameplate information for Chamois

<b>Plant Name</b>	<b>County Location</b>	<b>Generator</b>	<b>Generator Type</b>	<b>Generator Status</b>	<b>Nameplate Capacity (MW)</b>
<i>Chamois</i>		<i>All Operating Generators</i>			<i>236.0</i>
Chamois	Osage	1	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)	Operating - in service	60.0
Chamois	Osage	2	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)	Operating - in service	176.0



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Emissions from Electricity Generated in 2010: Chamois

	<b>CO2 Equivalent (TONS)</b>	<b>Carbon Dioxide (CO2) (TONS)</b>	<b>Methane (CH4) (TONS)</b>	<b>Nitrogen Dioxide (NO2) (TONS)</b>
Chamois	18,043,369	2,117,251	240,950	35,052

	<b>Sulfur Dioxide (SO2) (TONS)</b>	<b>Annual Nitrogen Oxide (NOx) (TONS)</b>	<b>Summer Nitrogen Oxide (NOx) (TONS)</b>
Chamois	5,902	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Chamois power plant

<b>Plant</b>	<b>Control Equipment</b>	<b>Sorbent Type</b>
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Chamois power plant

<b>Plant</b>	<b>Control Equipment</b>
Chamois	Electrostatic precipitator, cold side, without flue gas conditioning



## Missouri Department of Natural Resources

### **Notes:**

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,  
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>